```
   1  CAAACTTGGT GGCAACTTGC CTCCCGGTGC GGGCGTCTCT CCCCCACCGT
  51  CTCAACATGC TTAGGGGTCC GGGGCCCGGG CTGCTGCTGC TGGCCGTCCA
 101  GTGCCTGGGG ACAGCGGTGC CCTCCACGGG AGCCTCGAAG AGCAAGAGGC
 151  AGGCTCAGCA AATGGTTCAG CCCCAGTCCC CGGTGGCTGT CAGTCAAAGC
 201  AAGCCCGGTT GTTATGACAA TGGAAAACAC TATCAGATAA ATCAACAGTG
 251  GGAGCGGACC TACCTAGGCA ATGCGTTGGT TTGTACTTGT TATGGAGGAA
 301  GCCGAGGTTT TAACTGCGAG AGTAAACCTG AAGCTGAAGA GACTTGCTTT
 351  GACAAGTACA CTGGGAACAC TTACCGAGTG GGTGACACTT ATGAGCGTCC
 401  TAAAGACTCC ATGATCTGGG ACTGTACCTG CATCGGGGCT GGGCGAGGGA
 451  GAATAAGCTG TACCATCGCA AACCGCTGCC ATGAAGGGGG TCAGTCCTAC
 501  AAGATTGGTG ACACCTGGAG GAGACCACAT GAGACTGGTG GTTACATGTT
 551  AGAGTGTGTG TGTCTTGGTA ATGGAAAAGG AGAATGGACC TGCAAGCCCA
 601  TAGCTGAGAA GTGTTTTGAT CATGCTGCTG GGACTTCCTA TGTGGTCGGA
 651  GAAACGTGGG AGAAGCCCTA CCAAGGCTGG ATGATGGTAG ATTGTACTTG
 701  CCTGGGAGAA GGCAGCGGAC GCATCACTTG CACTTCTAGA AATAGATGCA
 751  ACGATCAGGA CACAAGGACA TCCTATAGAA TTGGAGACAC CTGGAGCAAG
 801  AAGGATAATC GAGGAAACCT GCTCCAGTGC ATCTGCACAG GCAACGGCCG
 851  AGGAGAGTGG AAGTGTGAGA GGCACACCTC TGTGCAGACC ACATCGAGCG
 901  GATCTGGCCC CTTCACCGAT GTTCGTGCAG CTGTTTACCA ACCGCAGCCT
 951  CACCCCCAGC CTCCTCCCTA TGGCCACTGT GTCACAGACA GTGGTGTGGT
1001  CTACTCTGTG GGGATGCAGT GGCTGAAGAC ACAAGGAAAT AAGCAAATGC
1051  TTTGCACGTG CCTGGGCAAC GGAGTCAGCT GCCAAGAGAC AGCTGTAACC
```

Fig. 1 (part 1)

1101 CAGACTTACG GTGGCAACTC AAATGGAGAG CCATGTGTCT TACCATTCAC

1151 CTACAACGAC AGGACGGACA GCACAACTTC GAATTATGAG CAGGACCAGA

1201 AATACTCTTT CTGCACAGAC CACACTGTTT TGGTTCAGAC TCGAGGAGGA

1251 AATTCCAATG GTGCCTTGTG CCACTTCCCC TTCCTATACA ACAACCACAA

1301 TTACACTGAT TGCACTTCTG AGGGCAGAAG AGACAACATG AAGTGGTGTG

1351 GGACCACACA GAACTATGAT GCCGACCAGA AGTTTGGGTT CTGCCCCATG

1401 GCTGCCCACG AGGAAATCTG CACAACCAAT GAAGGGGTCA TGTACCGCAT

1451 TGGAGATCAG TGGGATAAGC AGCATGACAT GGGTCACATG ATGAGGTGCA

1501 CGTGTGTTGG GAATGGTCGT GGGGAATGGA CATGCATTGC CTACTCGCAG

1551 CTTCGAGATC AGTGCATTGT TGATGACATC ACTTACAATG TGAACGACAC

1601 ATTCCACAAG CGTCATGAAG AGGGGCACAT GCTGAACTGT ACATGCTTCG

1651 GTCAGGGTCG GGGCAGGTGG AAGTGTGATC CCGTCGACCA ATGCCAGGAT

1701 TCAGAGACTG GGACGTTTTA TCAAATTGGA GATTCATGGG AGAAGTATGT

1751 GCATGGTGTC AGATACCAGT GCTACTGCTA TGGCCGTGGC ATTGGGGAGT

1801 GGCATTGCCA ACCTTTACAG ACCTATCCAA GCTCAAGTGG TCCTGTCGAA

1851 GTATTTATCA CTGAGACTCC GAGTCAGCCC AACTCCCACC CCATCCAGTG

1901 GAATGCACCA CAGCCATCTC ACATTTCCAA GTACATTCTC AGGTGGAGAC

1951 CTGTGAGTAT CCCACCCAGA AACCTTGGAT ACTGAGTCTC CTAATCTTAT

2001 CAATTCTGAT GGTTTCTTTT TTTCCCAGCT TTTGAGCCAA CAACTCTGAT

2051 TAACTATTCC TATAGCATTT ACTATATTTG TTTAGTGAAC AAACAATATG

2101 TGGTCAATTA AATTGACTTG TAGACTGAAA AAAAAAAAAA AAAAAAA

(SEQ ID NO.: 2)

Fig. 1 (part 2)

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   1  CAAACTTGGT GGCAACTTGC CTCCCGGTGC GGGCGTCTCT CCCCCACCGT
  51  CTCAACATGC TTAGGGGTCC GGGGCCCGGG CTGCTGCTGC TGGCCGTCCA
 101  GTGCCTGGGG ACAGCGGTGC CCTCCACGGG AGCCTCGAAG AGCAAGAGGC
 151  AGGCTCAGCA AATGGTTCAG CCCCAGTCCC CGGTGGCTGT CAGTCAAAGC
 201  AAGCCCGGTT GTTATGACAA TGGAAAACAC TATCAGATAA ATCAACAGTG
 251  GGAGCGGACC TACCTAGGCA ATGCGTTGGT TTGTACTTGT TATGGAGGAA
 301  GCCGAGGTTT TAACTGCGAG AGTAAACCTG AAGCTGAAGA GACTTGCTTT
 351  GACAAGTACA CTGGGAACAC TTACCGAGTG GGTGACACTT ATGAGCGTCC
 401  TAAAGACTCC ATGATCTGGG ACTGTACCTG CATCGGGGCT GGGCGAGGGA
 451  GAATAAGCTG TACCATCGCA AACCGCTGCC ATGAAGGGGG TCAGTCCTAC
 501  AAGATTGGTG ACACCTGGAG GAGACCACAT GAGACTGGTG GTTACATGTT
 551  AGAGTGTGTG TGTCTTGGTA ATGGAAAAGG AGAATGGACC TGCAAGCCCA
 601  TAGCTGAGAA GTGTTTTGAT CATGCTGCTG GGACTTCCTA TGTGGTCGGA
 651  GAAACGTGGG AGAAGCCCTA CCAAGGCTGG ATGATGGTAG ATTGTACTTG
 701  CCTGGGAGAA GGCAGCGGAC GCATCACTTG CACTTCTAGA AATAGATGCA
 751  ACGATCAGGA CACAAGGACA TCCTATAGAA TTGGAGACAC CTGGAGCAAG
 801  AAGGATAATC GAGGAAACCT GCTCCAGTGC ATCTGCACAG GCAACGGCCG
 851  AGGAGAGTGG AAGTGTGAGA GGCACACCTC TGTGCAGACC ACATCGAGCG
 901  GATCTGGCCC CTTCACCGAT GTTCGTGCAG CTGTTTACCA ACCGCAGCCT
 951  CACCCCCAGC CTCCTCCCTA TGGCCACTGT GTCACAGACA GTGGTGTGGT
1001  CTACTCTGTG GGGATGCAGT GGCTGAAGAC ACAAGGAAAT AAGCAAATGC
1051  TTTGCACGTG CCTGGGCAAC GGAGTCAGCT GCCAAGAGAC AGCTGTAACC
```

Fig. 1 (part 1)

1101 CAGACTTACG GTGGCAACTC AAATGGAGAG CCATGTGTCT TACCATTCAC

1151 CTACAACGAC AGGACGGACA GCACAACTTC GAATTATGAG CAGGACCAGA

1201 AATACTCTTT CTGCACAGAC CACACTGTTT TGGTTCAGAC TCGAGGAGGA

1251 AATTCCAATG GTGCCTTGTG CCACTTCCCC TTCCTATACA ACAACCACAA

1301 TTACACTGAT TGCACTTCTG AGGGCAGAAG AGACAACATG AAGTGGTGTG

1351 GGACCACACA GAACTATGAT GCCGACCAGA AGTTTGGGTT CTGCCCCATG

1401 GCTGCCCACG AGGAAATCTG CACAACCAAT GAAGGGGTCA TGTACCGCAT

1451 TGGAGATCAG TGGGATAAGC AGCATGACAT GGGTCACATG ATGAGGTGCA

1501 CGTGTGTTGG GAATGGTCGT GGGGAATGGA CATGCATTGC CTACTCGCAG

1551 CTTCGAGATC AGTGCATTGT TGATGACATC ACTTACAATG TGAACGACAC

1601 ATTCCACAAG CGTCATGAAG AGGGGCACAT GCTGAACTGT ACATGCTTCG

1651 GTCAGGGTCG GGGCAGGTGG AAGTGTGATC CCGTCGACCA ATGCCAGGAT

1701 TCAGAGACTG GGACGTTTTA TCAAATTGGA GATTCATGGG AGAAGTATGT

1751 GCATGGTGTC AGATACCAGT GCTACTGCTA TGGCCGTGGC ATTGGGGAGT

1801 GGCATTGCCA ACCTTTACAG ACCTATCCAA GCTCAAGTGG TCCTGTCGAA

1851 GTATTTATCA CTGAGACTCC GAGTCAGCCC AACTCCCACC CCATCCAGTG

1901 GAATGCACCA CAGCCATCTC ACATTTCCAA GTACATTCTC AGGTGGAGAC

1951 CTGTGAGTAT CCCACCCAGA AACCTTGGAT ACTGAGTCTC CTAATCTTAT

2001 CAATTCTGAT GGTTTCTTTT TTTCCCAGCT TTTGAGCCAA CAACTCTGAT

2051 TAACTATTCC TATAGCATTT ACTATATTTG TTTAGTGAAC AAACAATATG

2101 TGGTCAATTA AATTGACTTG TAGACTGAAA AAAAAAAAAA AAAAAAA

(SEQ ID NO.: 2)

Fig. 1 (part 2)

```
                  10        20        30        40        50        60
MSF-1α       NLVATCLPVRASLPHRLNMLRGPGPGLLLLAVQCLGTAVPSTGASKSKRQAQQMVQPQSP
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  NLVATCLPVRASLPHRLNMLRGPGPGLLLLAVQCLGTAVPSTGASKSKRQAQQMVQPQSP
                                    10        20        30        40

                  70        80        90        100       110       120
MSF-1α       VAVSQSKPGCYDNGKHYQINQQWERTYLGNALVCTCYGGSRGFNCESKPEAEETCFDKYT
             ||||||||||||||||||||||||||||||:|||||||||||||||||||||||||||||
fibronectin  VAVSQSKPGCYDNGKHYQINQQWERTYLGNVLVCTCYGGSRGFNCESKPEAEETCFDKYT
                  50        60        70        80        90        100

                  130       140       150       160       170       180
MSF-1α       GNTYRVGDTYERPKDSMIWDCTCIGAGRGRISCTIANRCHEGGQSYKIGDTWRRPHETGG
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  GNTYRVGDTYERPKDSMIWDCTCIGAGRGRISCTIANRCHEGGQSYKIGDTWRRPHETGG
                  110       120       130       140       150       160

                  190       200       210       220       230       240
MSF-1α       YMLECVCLGNGKGEWTCKPIAEKCFDHAAGTSYVVGETWEKPYQGWMMVDCTCLGEGSGR
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  YMLECVCLGNGKGEWTCKPIAEKCFDHAAGTSYVVGETWEKPYQGWMMVDCTCLGEGSGR
                  170       180       190       200       210       220

                  250       260       270       280       290       300
MSF-1α       ITCTSRNRCNDQDTRTSYRIGDTWSKKDNRGNLLQCICTGNGRGEWKCERHTSVQTTSSG
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  ITCTSRNRCNDQDTRTSYRIGDTWSKKDNRGNLLQCICTGNGRGEWKCERHTSVQTTSSG
                  230       240       250       260       270       280

                  310       320       330       340       350       360
MSF-1α       SGPFTDVRAAVYQPQPHPQPPPYGHCVTDSGVVYSVGMQWLKTQGNKQMLCTCLGNGVSC
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  SGPFTDVRAAVYQPQPHPQPPPYGHCVTDSGVVYSVGMQWLKTQGNKQMLCTCLGNGVSC
                  290       300       310       320       330       340

                  370       380                 390       400
MSF-1α       QETAVTQTYGGNSNGEPCVLPFTYNDRT----------------DSTTSNYEQDQKYSFCT
             ||||||||||||||||||||||||:||                ||||||||||||||||
fibronectin  QETAVTQTYGGNSNGEPCVLPFTYNGRTFYSCTTEGRQDGHLWCSTTSNYEQDQKYSFCT
                  350       360       370       380       390       400

                410       420       430       440       450       460
MSF-1α       DHTVLVQTRGGNSNGALCHFPFLYNNHNYTDCTSEGRRDNMKWCGTTQNYDADQKFGFCP
             ||||||||:||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  DHTVLVQTQGGNSNGALCHFPFLYNNHNYTDCTSEGRRDNMKWCGTTQNYDADQKFGFCP
                410       420       430       440       450       460
```

Fig. 2 (part 1)

```
                470       480       490       500       510       520
MSF-1α      MAAHEEICTTNEGVMYRIGDQWDKQHDMGHMMRCTCVGNGRGEWTCIAYSQLRDQCIVDD
            ||||||||||||||||||||||||||||||||||||||||||||||| ||||||||||||
fibronectin MAAHEEICTTNEGVMYRIGDQWDKQHDMGHMMRCTCVGNGRGEWTCYAYSQLRDQCIVDD
                470       480       490       500       510       520

                530       540       550       560       570       580
MSF-1α      ITYNVNDTFHKRHEEGHMLNCTCFGQGRGRWKCDPVDQCQDSETGTFYQIGDSWEKYVHG
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin ITYNVNDTFHKRHEEGHMLNCTCFGQGRGRWKCDPVDQCQDSETGTFYQIGDSWEKYVHG
                530       540       550       560       570       580

                590       600       610       620       630       640
MSF-1α      VRYQCYCYGRGIGEWHCQPLQTYPSSSGPVEVFITETPSQPNSHPIQWNAPQPSHISKYI
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin VRYQCYCYGRGIGEWHCQPLQTYPSSSGPVEVFITETPSQPNSHPIQWNAPQPSHISKYI
                590       600       610       620       630       640

                650       660       670       680       690       700
MSF-1α      LRWRPVSIPPRNLGYXVSXSYQFXWFLFFPAFEPTTLINYSYSIYYICLVNKQYVVNXID
            |||||  :   |
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(SEQ IS NO.: 37)

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fibronectin LRWRPKNSVGRWKEATIPGHLNSYTIKGLKPGVVYEGQLISIQQYGHQEVTRFDFTTTST
                650       660       670       680       690       700
```

(SEQ IS NO.: 44)

Fig. 2 (part 2)

```
                  10        20        30        40        50        60
MSF-1α       NLVATCLPVRASLPHRLNMLRGPGPGLLLLAVQCLGTAVPSTGASKSKRQAQQMVQPQSP
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  NLVATCLPVRASLPHRLNMLRGPGPGLLLLAVQCLGTAVPSTGASKSKRQAQQMVQPQSP
                                    10        20        30        40

                  70        80        90        100       110       120
MSF-1α       VAVSQSKPGCYDNGKHYQINQQWERTYLGNALVCTCYGGSRGFNCESKPEAEETCFDKYT
             ||||||||||||||||||||||||||||:|||||||||||||||||||||||||||||||
fibronectin  VAVSQSKPGCYDNGKHYQINQQWERTYLGNVLVCTCYGGSRGFNCESKPEAEETCFDKYT
                  50        60        70        80        90        100

                  130       140       150       160       170       180
MSF-1α       GNTYRVGDTYERPKDSMIWDCTCIGAGRGRISCTIANRCHEGGQSYKIGDTWRRPHETGG
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  GNTYRVGDTYERPKDSMIWDCTCIGAGRGRISCTIANRCHEGGQSYKIGDTWRRPHETGG
                  110       120       130       140       150       160

                  190       200       210       220       230       240
MSF-1α       YMLECVCLGNGKGEWTCKPIAEKCFDHAAGTSYVVGETWEKPYQGWMMVDCTCLGEGSGR
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  YMLECVCLGNGKGEWTCKPIAEKCFDHAAGTSYVVGETWEKPYQGWMMVDCTCLGEGSGR
                  170       180       190       200       210       220

                  250       260       270       280       290       300
MSF-1α       ITCTSRNRCNDQDTRTSYRIGDTWSKKDNRGNLLQCICTGNGRGEWKCERHTSVQTTSSG
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  ITCTSRNRCNDQDTRTSYRIGDTWSKKDNRGNLLQCICTGNGRGEWKCERHTSVQTTSSG
                  230       240       250       260       270       280

                  310       320       330       340       350       360
MSF-1α       SGPFTDVRAAVYQPQPHPQPPPYGHCVTDSGVVYSVGMQWLKTQGNKQMLCTCLGNGVSC
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  SGPFTDVRAAVYQPQPHPQPPPYGHCVTDSGVVYSVGMQWLKTQGNKQMLCTCLGNGVSC
                  290       300       310       320       330       340

                  370       380                 390       400
MSF-1α       QETAVTQTYGGNSNGEPCVLPFTYNDRT--------------DSTTSNYEQDQKYSFCT
             |||||||||||||||||||||||||:||              ||||||||||||||||
fibronectin  QETAVTQTYGGNSNGEPCVLPFTYNGRTFYSCTTEGRQDGHLWCSTTSNYEQDQKYSFCT
                  350       360       370       380       390       400

                410       420       430       440       450       460
MSF-1α       DHTVLVQTRGGNSNGALCHFPFLYNNHNYTDCTSEGRRDNMKWCGTTQNYDADQKFGFCP
             ||||||||:|||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  DHTVLVQTQGGNSNGALCHFPFLYNNHNYTDCTSEGRRDNMKWCGTTQNYDADQKFGFCP
                410       420       430       440       450       460
```

Fig. 2 (part 1)

```
                470       480       490       500       510       520
MSF-1α      MAAHEEICTTNEGVMYRIGDQWDKQHDMGHMMRCTCVGNGRGEWTCIAYSQLRDQCIVDD
            |||||||||||||||||||||||||||||||||||||||||||||| |||||||||||||
fibronectin MAAHEEICTTNEGVMYRIGDQWDKQHDMGHMMRCTCVGNGRGEWTCYAYSQLRDQCIVDD
                470       480       490       500       510       520

                530       540       550       560       570       580
MSF-1α      ITYNVNDTFHKRHEEGHMLNCTCFGQGRGRWKCDPVDQCQDSETGTFYQIGDSWEKYVHG
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin ITYNVNDTFHKRHEEGHMLNCTCFGQGRGRWKCDPVDQCQDSETGTFYQIGDSWEKYVHG
                530       540       550       560       570       580

                590       600       610       620       630       640
MSF-1α      VRYQCYCYGRGIGEWHCQPLQTYPSSSGPVEVFITETPSQPNSHPIQWNAPQPSHISKYI
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin VRYQCYCYGRGIGEWHCQPLQTYPSSSGPVEVFITETPSQPNSHPIQWNAPQPSHISKYI
                590       600       610       620       630       640

                650       660       670       680       690       700
MSF-1α      LRWRPVSIPPRNLGYXVSXSYQFXWFLFFPAFEPTTLINYSYSIYYICLVNKQYVVNXID
            |||||  :     |
                                                   (SEQ IS NO.: 37)

fibronectin LRWRPKNSVGRWKEATIPGHLNSYTIKGLKPGVVYEGQLISIQQYGHQEVTRFDFTTTST
                650       660       670       680       690       700

                                                   (SEQ IS NO.: 44)
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Fig. 2 (part 2)